

PAPERMAKING SCREEN

Abstract of the Disclosure

A papermaking screen includes at least one individual fabric for the paper side and at least one individual fabric for the machine side. Each of those fabrics is provided with a set of weft yarns (4, 6) and warp yarns (1, 5). At least one part of the superimposed individual fabrics is interconnected via binder yarns (3). The two fabric layers (paper side and machine side) are connected by binder yarns that are fully integrated into the fabric structure of the paper side and are able to support the resulting binding point due to each binder yarn (3) engaging with warp yarns (1) of the individual fabric from above at defined points on the paper side, while at least one weft yarn (2) of the individual fabric engages with the warp yarns (1) from below on the opposite side so as to lean against it such that the binder yarns remain on one plane along with the weft and the remaining warp yarns. This arrangement results in a high-strength papermaking screen which has very good dewatering power and a regular structure.